| Inde | ex of Claims |  |
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|      |              |  |

Application/Control No.

Applicant(s)/Patent under Reexamination

10/630,402

FLAHERTY, PATRICE
Art Unit

Examiner

272

Jeffrey G. Hoekstra

3736

| 7 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| + | Restricted                     |

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| Claim | Date     |         |  |          |          | ] [       | Claim Date |  |       |           |   |    |          |          | -               | Claim Date |          |          |     |          |            |                 |   |          |          |          |          |          |               |
|-------|----------|---------|--|----------|----------|-----------|------------|--|-------|-----------|---|----|----------|----------|-----------------|------------|----------|----------|-----|----------|------------|-----------------|---|----------|----------|----------|----------|----------|---------------|
| Final | 10/05/05 | 7/12/06 | 12/29/06   |          |          |           |            | .  | rinai | Original  |   |    |          |          |                 |            |          |          |     | Final    | Original   |                 |   |          |          |          |          |          |               |
|       | 111      |         | 7  |          | 士        | 士         |            | 1 🗀  |       | 51        |   | 1  | 口        | コ        | 二               | コ          | 耳        | ╛        |     |          | 101        | 1               | #   | コ        |          | コ        | コ        | コ        | $\Box$        |
| 2     | 111      |         | 7  | Ш        | _        | _         |            | ▎┕   |       | 52        |   |    | Ш        | _        | _               | _          | 4        | _        | ļ   |          | 102        | <u></u> i-      | 4   | 4        | _        | 4        | -        | 4        | _             |
| 3     | 77       | _       | 7  | Ц        | 4        | 4         |            | ۔۔ا  |       | 53        |   | _  | Ш        | _        | _               | _          | _        | 4        | -   |          | 103        |                 | 4   | 4        |          | -        | -        | -        |               |
| 4     | 1 1      | _       | 7  | Ш        | 4        | 4         |            | ł ⊢  |       | 54        | _                                       |    | Н        | -        | -               |            | 4        | -1       |     |          | 104        |                 | +   | -        | -        | -        | $\dashv$ | $\dashv$ | ႕             |
| 5     | 111      |         | 7  | $\sqcup$ | 4        | 4         |            | Į ⊨  | _     | 55        | -                                       | ┿  | Н        | _        | -               | -1         | -+       | 4        |     |          | 105        | $\dashv$        | +   | -        |          | $\dashv$ | -        | 4        | $\dashv$      |
| 6     | 1 1      |         | 7  | Н        | -+       | $\dashv$  | -          | ┨┝   | _     | 56        | $\vdash$                                | ┿  | Н        | -        | $\dashv$        |            | -        |          |     |          | 106<br>107 |                 | +   | ┥        | ┥        | $\dashv$ | ⊣        | $\dashv$ | ᅴ             |
| Q     | 111      |         | 77   | $\vdash$ | ᅪ        | $\dashv$  | +          | ł ⊢  |       | 57<br>58  | $\vdash$                                | +  | $\vdash$ | $\dashv$ | -               |            | $\dashv$ | $\dashv$ | - 1 |          | 108        |                 | +   | $\dashv$ | ┥        | $\dashv$ | $\dashv$ | $\dashv$ | ┨             |
| 8     | 1717     |         | 7  | $\vdash$ | $\dashv$ | +         | -          | ┨┝   |       | 59        | -                                       |    | Н        | ╌┥       |                 |            | -        | $\dashv$ |     |          | 109        | $\dashv$        | +   | -+       |          | -        | ┪        | ┰        | ᅱ             |
| 10    |          |         | 7  | $\vdash$ | +        | $\dashv$  |            | 1 -  |       | 60        | +                                       | +  | Н        | -        |                 |            | -+       | $\dashv$ | 1   |          | 110        | $\dashv$        | 十   | -        | ᅥ        | $\dashv$ | ┪        | 寸        | 一             |
| 11    | 1117     |         | 7  | H        | +        | $\dashv$  | ┰          | 1  -   |       | 61        | -                                       | +  | Н        | 一        | -               | -1         | 十        | ᅱ        |     |          | 111        | -               | +   | +        | 一        | $\dashv$ | 寸        | ┪        | _             |
| (12   |          |         | z  | H        | 十        | 十         | _          | 1  -   |       | 62        | <del>   </del>                          | +- | Н        | ┪        | -1              | 7          | 1        | ᅦ        |     | -        | 112        | $\neg$          | T   | 1        | 7        | $\dashv$ | ヿ        | ヿ        | $\neg$        |
| 13    |          |         | Z  | H        | 十        | 十         | +          | 1  | _     | 63        |   | +  | $\vdash$ |          | T               |            | 7        | П        |     |          | 113        |                 | $\top$  | _        | $\neg$   | $\neg$   | 寸        | ヿ        |               |
| 14    | o        |         | Z  | П        | 寸        | 7         |            | 1 Г  |       | 64        |   | 1  |          | $\neg$   |                 |            |          |          |     |          | 114        |                 | $\Box$  |          |          | $\Box$   | $\Box$   |          |               |
| 15    | NN       | N       | N  | П        | 寸        | 7         |            | 1  |       | 65        |   |    |          |          |                 |            |          |          |     |          | 115        |                 | $\Box$  |          |          | $\Box$   |          | $\Box$   |               |
| 16    | NN       | N       | N  |          |          |           |            | ] [  |       | 66        |   |    |          |          |                 |            |          |          | 1   |          | 116        |                 | $\perp$   |          | _        | _        | ┙        | _        |               |
| 67    | NN       |         | Z  |          |          |           |            | ΙC   |       | 67        |   |    |          |          |                 |            |          |          |     |          | 117        |                 | 4   | _        | _        | 凵        | _        | _        | _             |
| 18    |          | -       | 2  |          |          |           |            | 1 L  |       | 68        |   |    | Ш        | _        | _               | _          | _        | 4        |     |          | 118        | _               | 4   | _        | _        | $\dashv$ | _        |          |               |
| 19    |          |         | N  |          | _        | 4         | _ _        | Į  ∟   | _     | 69        | Щ                                       |    | Н        | _        | _               | _          | _        | 4        |     |          | 119        | 4               | +   | 4        | _        | _        |          | $\dashv$ |               |
| 20    | N N      |         | N  | Ш        | 4        | 4         |            | ↓ L  |       | 70        | Ц.                                      |    | $\sqcup$ | _        | _               | _          |          | -4       |     |          | 120        |                 | 4   |          |          |          |          | -        | -4            |
| 2     |          | _       | N  | $\vdash$ |          | 4         | -          | ┨┝   |       | 71        | $\vdash$                                | ┿  | -        |          |                 | $\dashv$   |          |          |     |          | 121        | +               | +   |          |          |          | $\dashv$ | $\dashv$ | $\dashv$      |
| 22    |          |         | N  | $\vdash$ | -        | -         | - -        | ┨┝   |       | 72        | ╟┼                                      | +  | ₽        | $\dashv$ | ⊣               | $\dashv$   | $\dashv$ |          |     |          | 122<br>123 | -               | +   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |               |
| 23    | NN       |         | N  | $\vdash$ | -        | -         |            | ┨┝   |       | 73<br>74  | $\vdash$                                | ┯  | $\vdash$ | $\dashv$ |                 |            | $\dashv$ | $\dashv$ |     |          | 124        | +               | +   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 一        | $\dashv$      |
| 25    |          |         | Ť  | ┝╾┥      | -        | $\dashv$  | -          | ┨┞   | _     | 75        | $\vdash$                                | ┿  | $\vdash$ | $\dashv$ | $\dashv$        |            | ᆉ        | ᅱ        |     |          | 125        | $\dashv$        | +   |          | $\neg$   | $\dashv$ | ┪        | $\dashv$ | $\dashv$      |
| 26    |          |         | Ť  | ┞┥       | $\dashv$ | ┥         |            | ┨┝   | _     | 76        | ∺                                       | ╁  | +-       | $\dashv$ | $\dashv$        | -          | +        | 一        |     | -        | 126        | $\dashv$        | +   | $\dashv$ | $\dashv$ | $\dashv$ | -        |          |               |
| 27    |          | _       | 1  | $\vdash$ | +        | -         |            | ┨┞   | _     | 77        |   | +  | +        | $\dashv$ | $\dashv$        | $\neg$     | 一        | 一        |     |          | 127        | -               | +   | _        | $\dashv$ | H        | 一        | $\sqcap$ | $\overline{}$ |
| 28    |          | _       | 1  | Н        | +        | -         | -          | ┨┝   | _     | 78        | ┝╌┼╴                                    | ┰  | $\vdash$ | $\dashv$ |                 |            | -        | ᅥ        |     |          | 128        | $\dashv$        | +   | -        | ┪        | $\neg$   | 一        |          | $\overline{}$ |
| 29    |          |         | Ì  | H        | +        | 十         | $\dashv$   | 1  |       | 79        | $\vdash$                                | +- | $\vdash$ |          | -               |            | $\dashv$ | ┪        |     |          | 129        | 1               | ヿ   | ┪        | ヿ        | П        | ヿ        | П        |               |
| 30    |          |         | 1  | H        | $\dashv$ | 寸         |            | 1  | _     | 80        |   | 1  |          |          |                 |            | $\neg$   | ╗        |     |          | 130        |                 | 7   |          |          | П        | ╗        | П        |               |
| 31    | 111      | 1       | 1  | П        |          |           | 一          | 1 [  |       | 81        |   |    |          |          |                 |            |          |          |     |          | 131        |                 | I   |          |          | $\Box$   | $\Box$   |          |               |
| 32    | 1        | 1       | V  |          |          |           |            | 1 [  |       | 82        | П                                       |    |          |          |                 |            |          |          |     |          | 132        |                 | I   |          | ·        |          | $\Box$   |          |               |
| 33    |          |         |  |          | $\Box$   |           |            | ] [  |       | 83        |   |    |          |          |                 |            |          | $\Box$   |     |          | 133        |                 | $\perp$   |          | _        | Ш        | _        | Ш        |               |
| 34    |          |         | L  | Ц        | _        | _         |            | ↓ L  |       | 84        | Ц.                                      |    | L        |          |                 |            | _        | _        |     |          | 134        | $\perp$         | _   | _        |          | <u> </u> | _        | $\Box$   |               |
| 35    |          | 1       | <u> </u>   | Щ        | _        | _         |            | ↓ L  |       | 85        | $\vdash$                                |    | L        |          |                 |            | $\dashv$ | _        |     | ļ        | 135        | 1               | 4   | _        | _        | $\vdash$ |          | $\vdash$ |               |
| 36    |          | —       | <u> </u>   | $\sqcup$ | _        | _         | -          | ↓ Ļ  |       | 86        |   |    | ↓_       |          | $\blacksquare$  |            | $\dashv$ | 4        |     |          | 136        | -               | -   |          | $\dashv$ | $\vdash$ | $\dashv$ | $\vdash$ |               |
| 37    |          | -       | <b> </b>   | $\vdash$ | -        |           | - -        | ┨┝   |       | 87        | $\vdash$                                | -  | ╄        |          | _               |            | -        |          |     |          | 137        | ┝╌╂╴            | +   | -        |          |          |          | $\vdash$ |               |
| 38    |          |         | _  | $\vdash$ | $\dashv$ | -         | - -        | ┨┝   |       | 88        | $\vdash$                                |    | $\vdash$ | $\vdash$ |                 | -          |          | ᅱ        |     | <b></b>  | 138<br>139 | ┝┼              | +   |          |          | Н        |          | Н        |               |
| 39    |          | ╫       | ⊢  | Н        | $\dashv$ | -+        | +-         | <b>-</b>                                     |       | 89.<br>90 | ⊢⊢                                      |    | -        | $\dashv$ |                 | $\dashv$   |          | ᅱ        |     |          | 140        | +               | ╅   | ┥        | 1        |          | $\dashv$ | $\vdash$ | $\dashv$      |
| 41    |          | +       | -  | -        | -+       | ┥         | -          | ┨┝   |       | 91        | ╁╌┼╴                                    | ╁  | $\vdash$ | -1       |                 |            | $\dashv$ | $\dashv$ |     | -        | 141        |                 | ╌   | ┪        | -        | $\vdash$ |          | $\vdash$ | $\vdash$      |
| 42    |          | +       |  | ╂╌╂      | +        | +         | +          | 1 H  | _     | 92        |   | +- | $\vdash$ | $\vdash$ | $\dashv$        | -          |          | $\dashv$ |     |          | 142        | $\vdash +$      | 十   | ᅱ        | $\dashv$ | $\dashv$ | 一        | $\vdash$ | $\neg$        |
| 43    |          | +       | <del>                                     </del> | H        | 7        | 7         | +          | 1 Ի  | _     | 93        | $\vdash$                                | +  | T        | $\vdash$ | $\neg$          | Н          |          | $\dashv$ |     |          | 143        | 1               | 十   | ᅦ        | $\dashv$ | $\neg$   | $\dashv$ | 一        | П             |
| 44    |          | T       | Τ-   | H        | 寸        | _         | -          | 1  | _     | 94        |   |    |          |          |                 |            | $\dashv$ | ╛        |     |          | 144        |                 | 7   |          | ╗        |          | ╗        |          |               |
| 45    |          | I       |  | П        |          |           |            | 1 [  |       | 95        |   |    | Γ        |          |                 |            |          | $\Box$   |     |          | 145        |                 | ╛   |          |          |          |          |          |               |
| 46    |          |         |  |          |          |           |            | ] [  | _     | 96        |   | I  |          |          |                 |            |          |          |     |          | 146        |                 | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$   |          |          |          | Ш        | 阗             |
| 47    |          |         | 匚  | Ш        |          | $\perp$ I |            | 1 C  |       | 97        | Ш                                       |    | Ļ        | $\Box$   |                 |            | Ш        | _        |     |          | 147        | $\sqcup$        | _[  | _        | $\perp$  | Ш        |          | $\sqcup$ | _             |
| 48    |          | _       | <u></u>  | Ш        |          | _         |            | <b>↓                                    </b> |       | 98        | $oldsymbol{\sqcup}$                     | 4  | ļ        | Ш        | Ш               | Щ          | $\sqcup$ | _        |     | <u> </u> | 148        |                 | 4   | _        | Ш        | ⊢┩       | _        | Ш        |               |
| 49    |          | $\bot$  | ⊢  | Ш        | 4        | _         | - -        | <b>↓</b>                                     |       | 99        |   | +  | ┼        | Н        | $\vdash \vdash$ | Н          | ├-┤      | $\dashv$ |     |          | 149        | $\vdash \vdash$ | 4   | 4        | -        | $\vdash$ |          | Н        |               |
| 50    |          | _L_     | <u> </u>   |          |          |           |            | JL   |       | 100       | ـــــــــــــــــــــــــــــــــــــــ |    | 1        |          | Щ               |            | لـــا    |          |     | Щ.       | 150        | Щ.              |   |          |          | لــــا   |          | _        |               |